

# SCORE Search Results Details for Application 10687035 and Search Result 20080310\_104759\_us-10-687-035-33.rapbm.

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
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This page gives you Search Results detail for the Application 10687035 and Search Result 20080310\_104759\_us-10-687-035-33.rapbm.

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OM protein - protein search, using sw model

Run on: March 10, 2008, 14:25:14 ; Search time 224 Seconds  
(without alignments)  
508.771 Million cell updates/sec

Title: US-10-687-035-33  
Perfect score: 656  
Sequence: 1 MDFQVQIFSFLNISASVIMS.....YCQQWSSNPFTFGSGTKLEI 127

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 3890859 seqs, 897042889 residues

Total number of hits satisfying chosen parameters: 3890859

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_AA\_Main:\*

- 1: /ABSS/Data/CRF/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*
- 2: /ABSS/Data/CRF/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*
- 3: /ABSS/Data/CRF/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*
- 4: /ABSS/Data/CRF/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*
- 5: /ABSS/Data/CRF/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*
- 6: /ABSS/Data/CRF/ptodata/2/pubpaa/US11A\_PUBCOMB.pep:\*
- 7: /ABSS/Data/CRF/ptodata/2/pubpaa/US11B\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

%

Result No.	Score	Query Match	Length	DB	ID	Description
1	656	100.0	127	5	US-10-687-035-33	Sequence 33, Appl
2	578	88.1	129	5	US-10-723-003-38	Sequence 38, Appl
3	578	88.1	129	6	US-11-004-639-38	Sequence 38, Appl
4	578	88.1	235	5	US-10-723-003-42	Sequence 42, Appl
5	578	88.1	235	6	US-11-004-639-42	Sequence 42, Appl
6	578	88.1	235	6	US-11-410-540-119	Sequence 119, App
7	578	88.1	235	6	US-11-411-003-119	Sequence 119, App
8	573	87.3	499	6	US-11-493-132-4	Sequence 4, Appli
9	572	87.2	128	3	US-09-905-928-4	Sequence 4, Appli
10	572	87.2	128	4	US-10-096-964-4	Sequence 4, Appli
11	572	87.2	128	4	US-10-238-681-7	Sequence 7, Appli
12	572	87.2	128	4	US-10-411-037-60	Sequence 60, Appl
13	572	87.2	128	4	US-10-411-026-60	Sequence 60, Appl
14	572	87.2	128	4	US-10-410-962-60	Sequence 60, Appl
15	572	87.2	128	4	US-10-411-049-60	Sequence 60, Appl
16	572	87.2	128	4	US-10-327-663-12	Sequence 12, Appl
17	572	87.2	128	4	US-10-410-930-60	Sequence 60, Appl
18	572	87.2	128	4	US-10-410-997-60	Sequence 60, Appl
19	572	87.2	128	4	US-10-411-012-60	Sequence 60, Appl
20	572	87.2	128	4	US-10-287-994-60	Sequence 60, Appl
21	572	87.2	128	4	US-10-410-913-60	Sequence 60, Appl
22	572	87.2	128	5	US-10-410-980-60	Sequence 60, Appl
23	572	87.2	128	5	US-10-410-897-60	Sequence 60, Appl
24	572	87.2	128	5	US-10-492-261-60	Sequence 60, Appl
25	572	87.2	128	5	US-10-956-039-4	Sequence 4, Appli
26	572	87.2	128	5	US-10-552-896-60	Sequence 60, Appl
27	572	87.2	128	5	US-10-530-972-60	Sequence 60, Appl
28	572	87.2	128	5	US-10-410-945-60	Sequence 60, Appl
29	572	87.2	128	6	US-11-183-205-60	Sequence 60, Appl
30	572	87.2	128	6	US-11-183-218-60	Sequence 60, Appl
31	572	87.2	128	6	US-11-404-266-60	Sequence 60, Appl
32	572	87.2	235	5	US-10-058-069-6	Sequence 6, Appli
33	566	86.3	128	5	US-10-941-768A-46	Sequence 46, Appl
34	566	86.3	266	4	US-10-207-655-11	Sequence 11, Appl
35	566	86.3	266	4	US-10-053-530-11	Sequence 11, Appl
36	566	86.3	266	6	US-11-089-511-11	Sequence 11, Appl
37	566	86.3	266	6	US-11-089-190-11	Sequence 11, Appl
38	566	86.3	266	6	US-11-088-570-11	Sequence 11, Appl
39	566	86.3	266	6	US-11-088-737-11	Sequence 11, Appl
40	566	86.3	266	6	US-11-088-569-11	Sequence 11, Appl
41	566	86.3	266	6	US-11-088-693-11	Sequence 11, Appl
42	566	86.3	266	6	US-11-089-367-11	Sequence 11, Appl
43	566	86.3	266	6	US-11-089-368-11	Sequence 11, Appl
44	566	86.3	267	5	US-10-627-556-214	Sequence 214, App
45	566	86.3	268	5	US-10-627-556-212	Sequence 212, App

## ALIGNMENTS

## RESULT 1

US-10-687-035-33

; Sequence 33, Application US/10687035

; Publication No. US20050064518A1  
; GENERAL INFORMATION:  
; APPLICANT: Albone, Earl F.  
; APPLICANT: Soltis, Daniel A.  
; TITLE OF INVENTION: ANTIBODIES THAT BIND CELL-ASSOCIATED  
; TITLE OF INVENTION: CA 125/0772P AND METHODS OF USE THEREOF  
; FILE REFERENCE: 6750-214-999  
; CURRENT APPLICATION NUMBER: US/10/687,035  
; CURRENT FILING DATE: 2003-10-15  
; PRIOR APPLICATION NUMBER: 60/485,986  
; PRIOR FILING DATE: 2003-07-10  
; PRIOR APPLICATION NUMBER: 60/418,828  
; PRIOR FILING DATE: 2003-10-12  
; NUMBER OF SEQ ID NOS: 71  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 33  
; LENGTH: 127  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 776.1 light chain polypeptide variable region (776.1L)  
US-10-687-035-33

Query Match 100.0%; Score 656; DB 5; Length 127;  
Best Local Similarity 100.0%; Pred. No. 1.3e-48;  
Matches 127; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MDFQVQIFSFLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK	60
Db	1	MDFQVQIFSFLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK	60
Qy	61	PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG	120
Db	61	PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG	120
Qy	121	SGTKLEI	127
Db	121	SGTKLEI	127

RESULT 2

US-10-723-003-38

; Sequence 38, Application US/10723003  
; Publication No. US20040254108A1  
; GENERAL INFORMATION:  
; APPLICANT: MA, Jing  
; APPLICANT: GUO, Yajun  
; TITLE OF INVENTION: PREPARATION AND APPLICATION OF  
; TITLE OF INVENTION: ANTI-TUMOR BIFUNCTIONAL FUSION PROTEINS  
; FILE REFERENCE: 549062000200  
; CURRENT APPLICATION NUMBER: US/10/723,003  
; CURRENT FILING DATE: 2003-11-26  
; PRIOR APPLICATION NUMBER: CN 2003101199300  
; PRIOR FILING DATE: 2003-11-25  
; PRIOR APPLICATION NUMBER: CN 031292909

```
; PRIOR FILING DATE: 2003-06-13
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 38
;   LENGTH: 129
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-10-723-003-38
```

Query Match 88.1%; Score 578; DB 5; Length 129;  
Best Local Similarity 90.6%; Pred. No. 6.8e-42;  
Matches 115; Conservative 2; Mismatches 10; Indels 0; Gaps 0;

Qy	1	MDFQVQIFSLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK	60
Db	1	MDFQVQIFSLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFFQK	60
Qy	61	PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG	120
Db	61	PGSSPKPWIYATSNLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPFTFG	120
Qy	121	SGTKLEI	127
Db	121	GGTKLEI	127

### RESULT 3

US-11-004-639-38

; Sequence 38, Application US/11004639

; Publication No. US20050232931A1

## ; GENERAL INFORMATION:

; APPLICANT: MA, Jing

; APPLICANT: GUO, Yajun

7; TITLE OF INVENTION: PREPARATION AND APPLICATION OF

; TITLE OF INVENTION: ANTI-TUMOR BIFUNCTIONAL FUSION PROTEINS

; FILE REFERENCE: 549062000200

; CURRENT APPLICATION NUMBER: US/11/004,639

; CURRENT FILING DATE: 2004-12-02

; PRIOR APPLICATION NUMBER: US/10/723,003

; PRIOR FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: CN 2003101199300

; PRIOR FILING DATE: 2003-11-25

; PRIOR APPLICATION NUMBER: CN 031292909

; PRIOR FILING DATE: 2003-06-13

```
; NUMBER OF SEQ ID NOS: 68
```

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; SOFTWARE: FastSEQ for Windows Version 4.0
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; SEQ ID NO 38

```
; LENGTH: 129
```

```
; TYPE: PRT
```

; ORGANISM: Mus musculus

US-11-004-639-38

Query Match 88.1%; Score 578; DB 6; Length 129;  
Best Local Similarity 90.6%; Pred. No. 6.8e-42;  
Matches 115; Conservative 2; Mismatches 10; Indels 0; Gaps 0;

```
Qy      1 MDFQVQIFSFLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
        |||
Db      1 MDFQVQIFSFLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy     61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
        |||
Db     61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy    121 SGTKLEI 127
        |||
Db    121 GGTKLEI 127
```

RESULT 4

US-10-723-003-42

; Sequence 42, Application US/10723003

; Publication No. US20040254108A1

; GENERAL INFORMATION:

; APPLICANT: MA, Jing

; APPLICANT: GUO, Yajun

; TITLE OF INVENTION: PREPARATION AND APPLICATION OF

; TITLE OF INVENTION: ANTI-TUMOR BIFUNCTIONAL FUSION PROTEINS

; FILE REFERENCE: 549062000200

; CURRENT APPLICATION NUMBER: US/10/723,003

; CURRENT FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: CN 2003101199300

; PRIOR FILING DATE: 2003-11-25

; PRIOR APPLICATION NUMBER: CN 031292909

; PRIOR FILING DATE: 2003-06-13

; NUMBER OF SEQ ID NOS: 68

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 42

; LENGTH: 235

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Construct

US-10-723-003-42

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Query Match      88.1%;  Score 578;  DB 5;  Length 235;
Best Local Similarity  90.6%;  Pred. No. 1.3e-41;
Matches 115;  Conservative  2;  Mismatches  10;  Indels  0;  Gaps  0;
```

```
Qy      1 MDFQVQIFSFLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
        |||
Db      1 MDFQVQIFSFLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy     61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
        |||
Db     61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy    121 SGTKLEI 127
        |||
Db    121 GGTKLEI 127
```

[http://es/ScoreAccessWeb/GetItem.action?AppId=106870...104759\\_us-10-687-035-33.rapbm&ItemType=4&startByte=0](http://es/ScoreAccessWeb/GetItem.action?AppId=106870...104759_us-10-687-035-33.rapbm&ItemType=4&startByte=0) (6 of 17)3/28/2008 11:29:07 AM



```

Qy      1 MDFQVQIFSFLNISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
      |||
Db      1 MDFQVQIFSFLNISASVIMSRGQIVLSQSPAILSTSPGEEKVTMTCRASSSVYYMHWYQQK 60

Qy     61 PGSSPKPWIYGTSTLASGVPTFRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
      |||
Db     61 PGSSPKPWIYATSNLASGVPTVRFSGSGSGTSYSLTITRVEAEDAATYYCQQWSSDPLTFG 120

Qy    121 SGTKLEI 127
      :|||:
Db    121 AGTKLEL 127

```

http://es/ScoreAccessWeb/GetItem.action?AppId=106870...104759\_us-10-687-035-33.rapbm&ItemType=4&startByte=0 (8 of 17)3/28/2008 11:29:07 AM

Qy	1	MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK	60
Db	1	MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYMHWYQQK	60
Qy	61	PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG	120
Db	61	PGSSPKPWIYAPSNLASGVPARFSGSGSGTSYSLTISRVEAEDAATYYCQQWSFNPTFG	120
Qy	121	SGTKLEI	127
		:    :	
Db	121	AGTKLEL	127

APPLICATION NUMBER: US/09/905,928

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Query Match      87.2%;   Score 572;   DB 3;   Length 128;
Best Local Similarity 89.8%;   Pred. No. 2.2e-41;
Matches 114;   Conservative 2;   Mismatches 11;   Indels 0;   Gaps 0;
```

```

Qy      1  MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
        |||||  ||||||||||||||||||||||||  ||||  ||||||||||||  |:  |||
Db      1  MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy     61  PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
        |||||  ||  |||||  |||||||||||||||||||||||||||||:  |||  |||
Db     61  PGSSPKPWIYATSNLASGVVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy    121  SGTKLEI 127
        |||||
Db    121  GGTKLEI 127

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US-10-096-964-4

```

; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
;           Hanna, Nabil
;           Leonard, John E.
;           Newman, Roland A.
;           Reff, Mitchell E.
;           Rastetter, William H.
; TITLE OF INVENTION: Therapeutic Application of Chimeric and

```

```
; Radiolabeled Antibodies to Human B Lymphocyte Restricted
; Differentiation Antigen for the Treatment of B-Cell Lymphoma
;
; NUMBER OF SEQUENCES: 11
;
; CORRESPONDENCE ADDRESS:
;
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
;
; STREET: 699 Prince St.
;
; CITY: Alexandria
;
; STATE: VA
;
; COUNTRY: USA
;
; ZIP: 22314
;
; COMPUTER READABLE FORM:
;
; MEDIUM TYPE: Floppy disk
;
; COMPUTER: IBM PC compatible
;
; OPERATING SYSTEM: PC-DOS/MS-DOS
;
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
;
; APPLICATION NUMBER: US/10/096,964
;
; FILING DATE: 14-Mar-2002
;
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
;
; APPLICATION NUMBER: US/08/475,813
;
; FILING DATE: 07-JUN-1995
;
; APPLICATION NUMBER: US 08/149,099
;
; FILING DATE: 03-NOV-1993
;
; APPLICATION NUMBER: US 07/978,891
;
; FILING DATE: 13-NOV-1992
;
; ATTORNEY/AGENT INFORMATION:
;
; NAME: Teskin, Robin L.
;
; REGISTRATION NUMBER: 35,030
;
; REFERENCE/DOCKET NUMBER: 012712-158
;
; TELECOMMUNICATION INFORMATION:
;
; TELEPHONE: 703-836-6620
;
; TELEFAX: 703-836-2021
;
; INFORMATION FOR SEQ ID NO: 4:
;
; SEQUENCE CHARACTERISTICS:
;
; LENGTH: 128 amino acids
;
; TYPE: amino acid
;
; TOPOLOGY: linear
;
; MOLECULE TYPE: protein
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-096-964-4
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Query Match          87.2%;  Score 572;  DB 4;  Length 128;
Best Local Similarity 89.8%;  Pred. No. 2.2e-41;
Matches 114;  Conservative 2;  Mismatches 11;  Indels 0;  Gaps 0;
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```
Qy      1 MDFQVQIFSFLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQOK 60
        ||||| ||||||||||||||||||||| |||| | ||||||||| |: | |||
Db      1 MDFQVQIISFLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQOK 60

Qy     61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
        ||||| || ||||| |||||||||||||||||||||||||||||: || | |||
Db     61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy     121 SGTKLEI 127
```

|||||  
Db 121 GGTKLEI 127

RESULT 11

US-10-238-681-7

; Sequence 7, Application US/10238681  
; Publication No. US20030147885A1  
; GENERAL INFORMATION:  
; APPLICANT: ANDERSON, DARRELL R.  
; APPLICANT: HANNA, NABIL  
; APPLICANT: LEONARD, JOHN E.  
; APPLICANT: NEWMAN, ROLAND A.  
; APPLICANT: REFF, MITCHELL E.  
; APPLICANT: RASTETTER, WILLIAM H.  
; TITLE OF INVENTION: THERAPEUTIC APPLICATION OF CHIMERIC AND RADIOLABELED  
; TITLE OF INVENTION: ANTIBODIES TO HUMAN B LYMPHOCYTE RESTRICTED  
; TITLE OF INVENTION: DIFFERENTIATION ANTIGEN FOR TREATMENT OF B CELL  
; TITLE OF INVENTION: LYMPHOMA  
; FILE REFERENCE: 37003/0291808  
; CURRENT APPLICATION NUMBER: US/10/238,681  
; CURRENT FILING DATE: 2002-09-11  
; PRIOR APPLICATION NUMBER: 08/921,060  
; PRIOR FILING DATE: 1997-08-29  
; PRIOR APPLICATION NUMBER: 08/149,099  
; PRIOR FILING DATE: 1993-11-03  
; PRIOR APPLICATION NUMBER: 07/978,891  
; PRIOR FILING DATE: 1992-11-13  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 128  
; TYPE: PRT  
; ORGANISM: Murine sp.

US-10-238-681-7

Query Match 87.2%; Score 572; DB 4; Length 128;  
Best Local Similarity 89.8%; Pred. No. 2.2e-41;  
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

Qy 1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60  
||||| |||||||||||||||||||||||| |||| ||||||||||| |: | |||  
Db 1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60  
  
Qy 61 PGSSPKPWIIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120  
|||||||||| || |||||| |||||||||||||||||||||||||||||: ||| |||  
Db 61 PGSSPKPWIIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120  
  
Qy 121 SGTKLEI 127  
|||||  
Db 121 GGTKLEI 127

RESULT 12

US-10-411-037-60

; Sequence 60, Application US/10411037

Query Match 87.2%; Score 572; DB 4; Length 128;  
Best Local Similarity 89.8%; Pred. No. 2.2e-41;  
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

Qy	1	MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK	60
		:	
Db	1	MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK	60
Qy	61	PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG	120
		:	
Db	61	PGSSPKPWIYATSNLASGVVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG	120
Qy	121	SGTKLEI	127
Db	121	GGTKLEI	127

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; Sequence 60, Application US/10411026  
; Publication No. US20040063911A1  
; GENERAL INFORMATION:  
; APPLICANT: Neose Technologies, Inc.  
; APPLICANT: DeFrees, Shawn  
; APPLICANT: Zopf, David  
; APPLICANT: Bayer, Robert  
; APPLICANT: Hakes, David  
; APPLICANT: Chen, Xi  
; TITLE OF INVENTION: PROTEIN REMODELING METHODS AND PROTEINS/PEPTIDES PRODUCED BY THE  
; TITLE OF INVENTION: METHODS  
; FILE REFERENCE: 040853-01-5053  
; CURRENT APPLICATION NUMBER: US/10/411,026  
; CURRENT FILING DATE: 2003-04-09  
; PRIOR APPLICATION NUMBER: US 60/328,523  
; PRIOR FILING DATE: 2001-10-10  
; PRIOR APPLICATION NUMBER: US 60/344,692  
; PRIOR FILING DATE: 2001-10-19  
; PRIOR APPLICATION NUMBER: US 60/387,292  
; PRIOR FILING DATE: 2002-06-07  
; PRIOR APPLICATION NUMBER: US 60/391,777  
; PRIOR FILING DATE: 2002-06-25  
; PRIOR APPLICATION NUMBER: US 60/396,594  
; PRIOR FILING DATE: 2002-07-17  
; PRIOR APPLICATION NUMBER: US 60/404,249  
; PRIOR FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 60/407,527  
; PRIOR FILING DATE: 2002-08-28  
; NUMBER OF SEQ ID NOS: 75  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 60  
; LENGTH: 128  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-10-411-026-60

Query Match 87.2%; Score 572; DB 4; Length 128;  
Best Local Similarity 89.8%; Pred. No. 2.2e-41;  
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

Qy	1	MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK	60
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Db	1	MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK	60
Qy	61	PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG	120
		:	
Db	61	PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG	120
Qy	121	SGTKLEI	127
Db	121	GGTKLEI	127

RESULT 14  
US-10-410-962-60  
; Sequence 60, Application US/10410962

Query Match 87.2%; Score 572; DB 4; Length 128;  
Best Local Similarity 89.8%; Pred. No. 2.2e-41;  
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

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Qy      1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
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Db      1 MDFQVQIIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVMTTCRASSSVSYIHWFQQK 60

Qy     61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
        ||||| | | | | | | | | | | | | | | | | | | | | : ||| |||
Db     61 PGSSPKPWIYATSNLASGVVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy    121 SGTKLEI 127
        |||||
Db    121 GGTKLEI 127
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; Sequence 60, Application US/10411049  
; Publication No. US20040082026A1  
; GENERAL INFORMATION:  
; APPLICANT: Neose Technologies, Inc.  
; APPLICANT: DeFrees, Shawn  
; APPLICANT: Zopf, David  
; APPLICANT: Bayer, Robert  
; APPLICANT: Hakes, David  
; APPLICANT: Chen, Xi  
; APPLICANT: Bowe, Caryn  
; TITLE OF INVENTION: INTERFERON ALPHA: REMODELING AND GLYCOCONJUGATION OF INTERFERON  
; TITLE OF INVENTION: ALPHA  
; FILE REFERENCE: 040853-01-5055  
; CURRENT APPLICATION NUMBER: US/10/411,049  
; CURRENT FILING DATE: 2003-04-09  
; PRIOR APPLICATION NUMBER: US 60/328,523  
; PRIOR FILING DATE: 2001-10-10  
; PRIOR APPLICATION NUMBER: US 60/344,692  
; PRIOR FILING DATE: 2001-10-19  
; PRIOR APPLICATION NUMBER: US 60/387,292  
; PRIOR FILING DATE: 2002-06-07  
; PRIOR APPLICATION NUMBER: US 60/391,777  
; PRIOR FILING DATE: 2002-06-25  
; PRIOR APPLICATION NUMBER: US 60/396,594  
; PRIOR FILING DATE: 2002-07-17  
; PRIOR APPLICATION NUMBER: US 60/404,249  
; PRIOR FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 60/407,527  
; PRIOR FILING DATE: 2002-08-28  
; NUMBER OF SEQ ID NOS: 75  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 60  
; LENGTH: 128  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-10-411-049-60

Query Match 87.2%; Score 572; DB 4; Length 128;  
Best Local Similarity 89.8%; Pred. No. 2.2e-41;  
Matches 114; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

Qy	1	MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQOK	60
Db	1	MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWQOK	60
Qy	61	PGSSPKPWIIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG	120
Db	61	PGSSPKPWIIYATSNLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPFTFG	120
Qy	121	SGTKLEI	127
Db	121	GGTKLEI	127

Search completed: March 10, 2008, 14:33:15  
Job time : 225.921 secs

SCORE 4.8